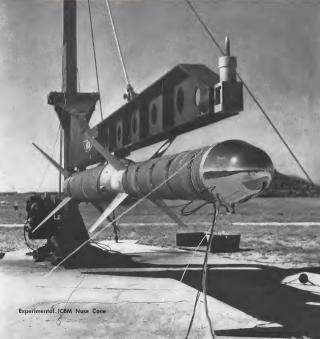


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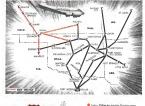
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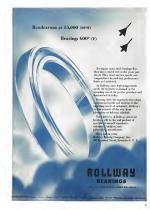
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For further information on the new MX360 Series Entra Heavy





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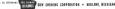
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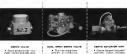
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EDITORIAL

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Plan to Subordinate Research Denounced by House Leaders

By Katherine Johnson

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USAF Begins Procurement Officer Shift

By Clerke Witte

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Washington-Delta and Cambil Air- * Delta's Route 54 should be extended

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Air France Orders More Boeing 707s

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"In titanium stretch-forming, Mallory-Sharon material most consistent we have tried; simplifies tabrication"



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ANADON WEEK, Merch 11, 1997

The world's most experienced builder



of long-range jet aircraft brings you



the jet airliner of tomorrow...

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BALL BRARINGS MAKE GOOD PRODUCTS BETTER NEW DEPARTURE . DIVISION OF GENERAL HOTORS . BRISTOL, CONN.











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GROUND SUPPORT!



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UNITED ELECTRODYNAMICS PASADENA, CALIFORNIA

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Engineers, Scientists-- Parhaps you, too, can work with America's fear rocket furnity. You'll find the problems challenging, the rewards great.

for Progress



Welliam' Work Force

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Atomic Radiation for Rocket Testing

Assistant Project Engineer in the Instrumentation Section of the BHI Test Description, Mr. Cohen in Section of the BH1 year importants, an account of

Although the mocket regime in theory is an extremely sample power-plant, its development is a highly critical art. Successful operation of an

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FRONT of the new Lear ADF-12E



BACK of the new Lear ADF-12E— 10,000,000 hours of flying time logged by Lear ADFs



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AVAILON WIRE March 11, 7597

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PACKARD From hardier, new silicone compounds come-



HIGH-TENSION tough, new high-performance aircraft cables! IGNITION CABLE

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Precision Fit MINUTES

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Confirming Link leadership in commercial set significants. Eastern Air Lines has selected Link equipment to train flight Sofery-minded and quality-conscious pirkus expectives are continually studying the problem of fluids trusting for tomorrow's jet are, and most have chosen Link,



ELECTRA simulators















Missile Hardware Contributes To Design for Space Travel

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PRINCIPAL WIRE Made 11, 1947



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GUGHT AIRCRAFT





"oops! headwinds"

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safety.

GPL Doupler auto-navigators are bringfor about a revolution in flight. Their benefits will one day soon extend to everyone.

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high-altitude and missile inverters

We now offer a complete life of invertex from 6 VA to and whole type power mekanes like the one shows above. If we don't have an investor to past your specific needs sec'll design one. For full details, were not make pressure,



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Glen William can talk networks or boots with equal case. Vocation or assession, it makes no difference. He fives both with erwighte intensity. A Whittsker american. Glen brade us the consupr's circresionsly to the needs of the valve and pump division. "Our job," he explains, "is to develop or adopt actuators that will seed the performance and envelope requirements of the velop and pump people—and I might add that it's getting tougher every due become qualification tests are increasingly

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How on-the-spot service engineers back up General Electric flight control systems



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VULCAN!

How New 6-Barrel Aircraft Gun Designed by General Electric Improves Fighter Effectiveness

Literally terring to pieces a expension tow turnet is a describe deviceby General Electric, at the request of the U.S. Army and to U.S. Air Force To provide our Aresed Passes with the somplex equipment needed to



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Aircraft Shaft Scaling Problem Solved Through Magnetics

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By Edward A. Steeres



magnetic seal corp.





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Exclusive Report on Infrared: Part II



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IR System Designer Faces Many Hurdles

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AMATION WEEK More 11, 1943



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No Altitude Problem



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MAKEON WILK, March 11, 1957



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THERE FEW shows added length to wing of Acra 500 E. Commando:

APPARENT WIDE Amonth 11, 1927



McDennell's two top "Voodeo" fighters fly with Honoywell Autopilots. The cleasified F-101B claters high to the F-101A shown) has the new Honeywell MB-5 Autopilot, which does more for the pilot than any other flight central system wer designed. A primary feature of this autopilot is a universal coupler for automatic ground control intercept, for instrument landing, and fire control. The MB-8 is another example of Honeywell Aero leadership in high performance control systems.

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Aero Commander Model Score

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CAA Approves 170 Engine Conversion

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A Progress Report on Foculty Solories:

UP...But Not Nearly Enough

THE CHART on this page provides a senset of the progress before made to ashrive a problem of crucial importance to every American. The problem is that of seeing that college and university faculty members get decent salaries.

This new chapter, which beings the story forword two system-fents 1954, when it was last

Two Years of Improvement

In 2074 to seems of obestabets related would have faculty members as a whole were actually worse off, by 5 %, thou they had been fourteen years earlier. As the short shows, over the same period the real inover of the average industrial worker had inrecord by alread helf. And, in what it would the overage foculty member, had jumped by

In 1956, however, the average faculty salary would hav about 12% more of mods and services than it would in 1940. Belative to where they were two years heover the two years than those of may of the other groups whose salary progress is

This movement of faculty salaries in the right direction has many contributing cames. The higgest single boost was given by the great Ford. Foundation gift of half a fellow dellars to our colleges, entyrottes, and hesottals, almost half of which was expensified for faculty salary inerroses. Gifts from business firms have also



helped a lot. And no in many cases, have sternoden moreovenisine compaires les altraza grown and consecutive regional and state program of calleges.

Still a Lana Way to Go

However, faculty salaries started their seems from such a dismal depth that they still have a losse, long way to go up before there is room for the comfortable corrietion that they are fair, or even safe, from the aundocies of protection the nation's vital interests. It still remains possible to find many shocking everygrism pieces for the following incident recently removed to a McGrow-Hill exconfine group, working on problems of financial illustriess small liberal arts college.

"The recruiting officer of one of our large works nen." the college president shid, "and offered from of our services bigher solution to start on whether or not they should accept. It doesn't take reach incorrection to see what this sort of

Senior Teachers Fare Badly

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For those senter faculty merchen the Secondal porceding to the past 16 years have here even women them the about indicates While the average real salary gain reported by the chart has been 12%, the average salary of a full professor still buys less there is At \$14 in 1940. This is because most of the salary increases here some to hericalne instruetees, for whose services industry has been providing the sort of competition reported by the

Merel arts college president. posts as senior college faculty merchess right at the time their services are needed more than ever to handle the opening fixed of college and university students. Between new and 1970. college and university empoliment is expected

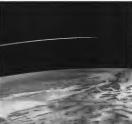
What is Needed New

What is elevely moded to a continuation their solution to a point where college and uniquesity founds manufacts will be sharing somewhere near fully in the general properity of the nation. It could be counted good progress in this direction if over the sent two years faculty salaries on the average were to concentrated in the senior family ranks. And this can be made possible only through paper

outside contributions. There is reason to be encouraged by the propyes that has been made over the past two vesus in buffing college and university faculty menthey were allowed to slide. But there is the most arrest occasion to know at it and harder.

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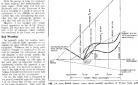
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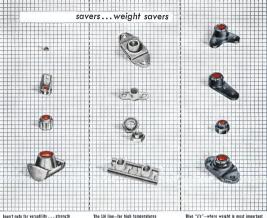
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